

**2015 DEV MEETING**

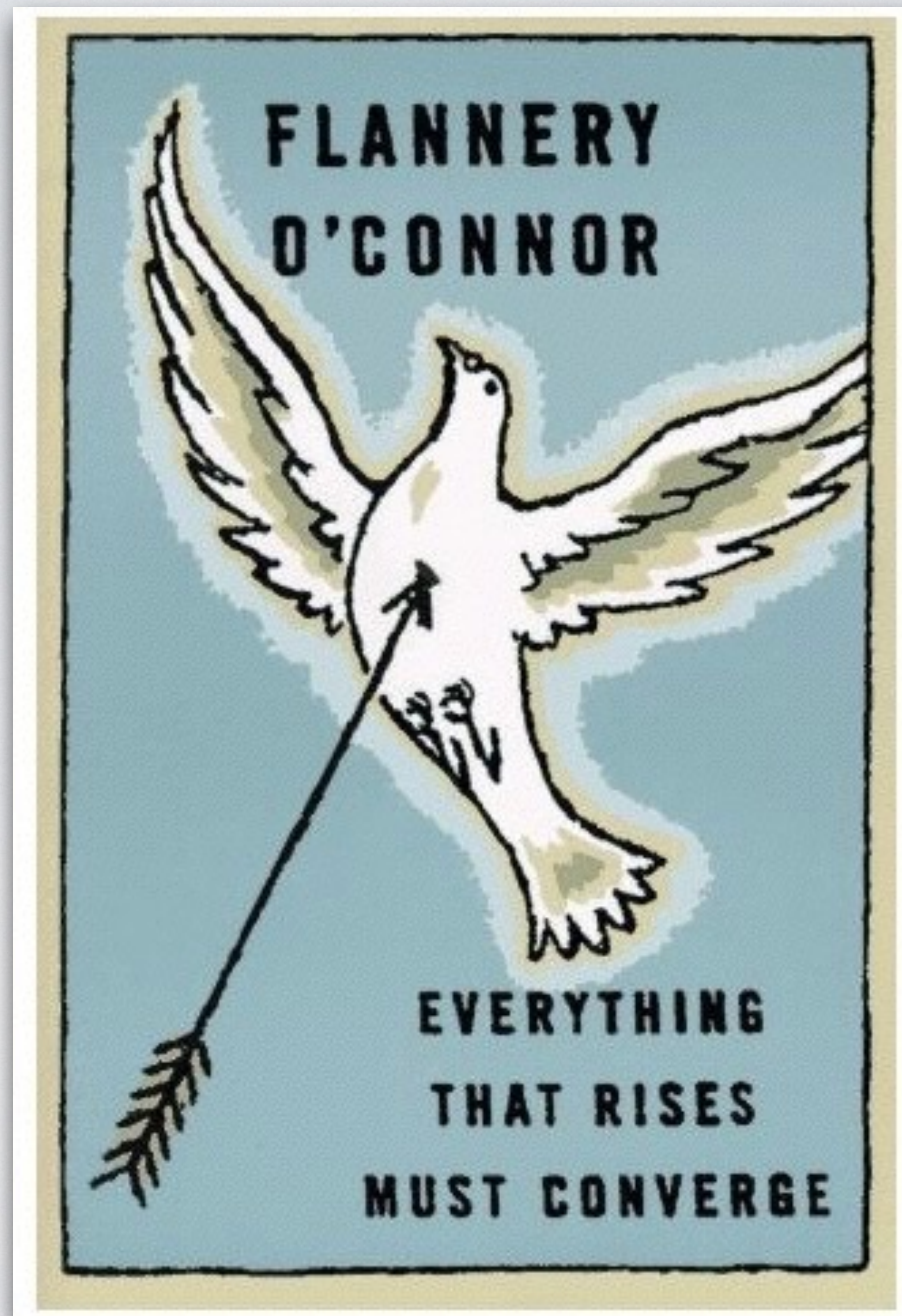
Chris Anderson, Chairman



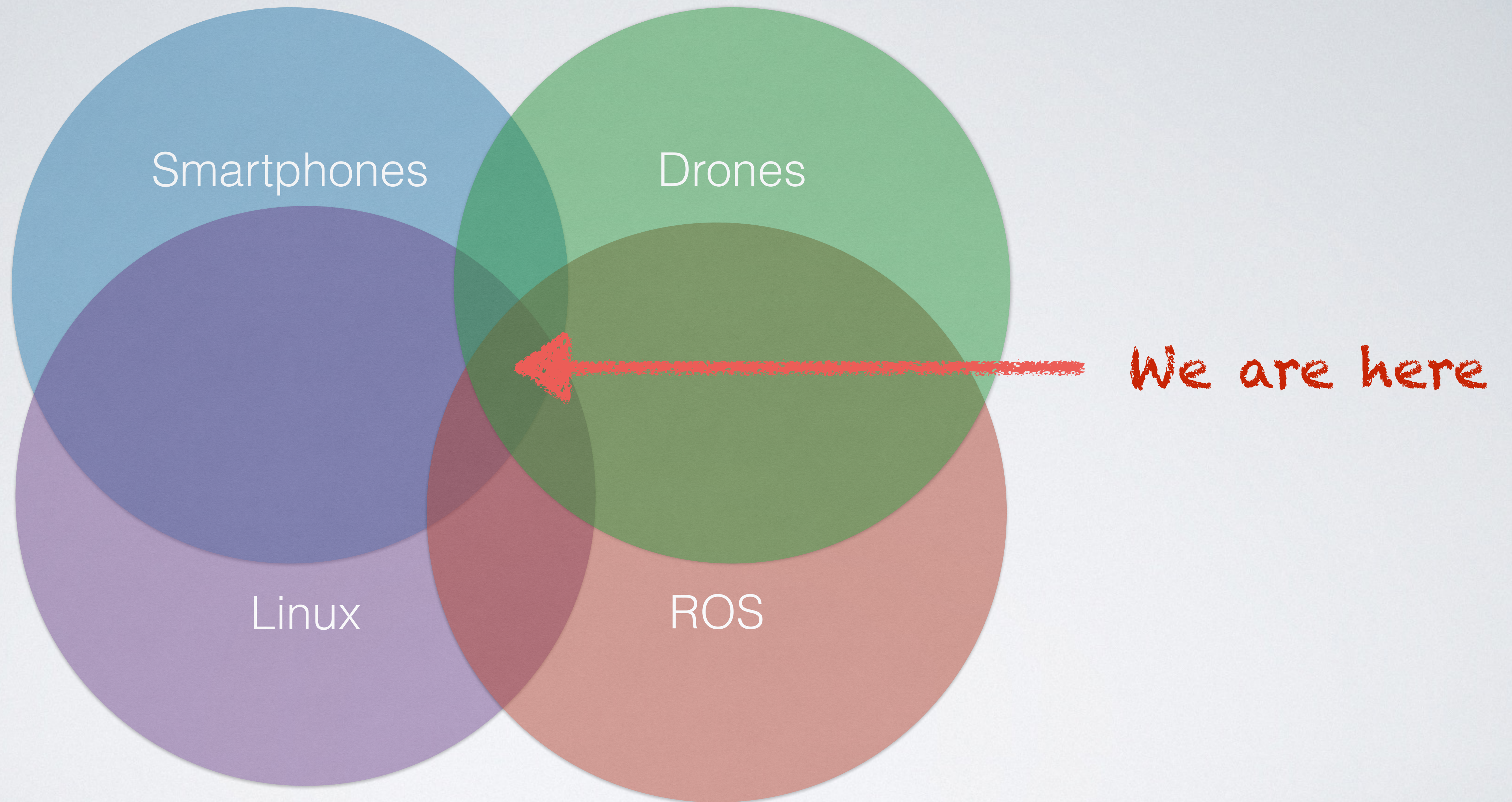
# WHY THE DRONECODE FOUNDATION?

1. We believe in **open innovation**
2. We believe that this is **too big for any one company** to do alone
3. We want to **protect the community** and projects by giving them an independent governance and support structure
4. We want to **align with other communities** that share our values
5. Freakin' flying robots!







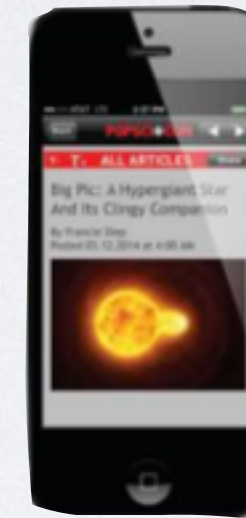




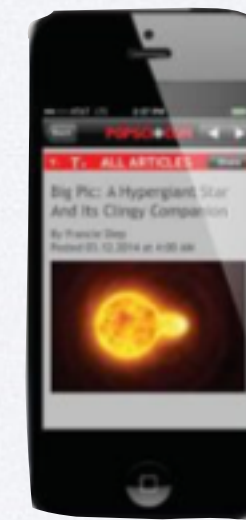
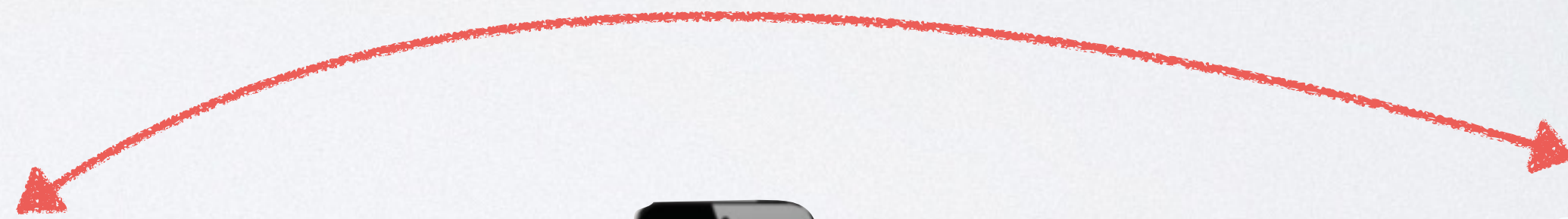
2013



2014



2015





	8-bit (2009-2012)	32-bit (2012-2015)	64-bit (2015 - )
<b>OS</b>	Arduino	RTOS	Embedded Linux
<b>Middleware</b>			<ul style="list-style-type: none"> <li>• ROS</li> <li>• DroneKit</li> </ul>
<b>Flight Code</b>	APM	<ul style="list-style-type: none"> <li>• APM</li> <li>• PX4</li> </ul>	<ul style="list-style-type: none"> <li>• APM</li> <li>• PX4</li> <li>• ???</li> </ul>
<b>Processor</b>	AVR	ARM	Snapdragon



# Project Members

Your company can participate in changing the world through drones. [Join Dronecode today.](#)

## Platinum



## Gold



## Silver



## Sponsored





# 2014 DEV TEAM/USER STATS

*(year to date)*

## APM/ARДУPILOT

13,347 commits

100+ committers

800+ contributors

## PX4

9,080 commits

60+ committers

500+ contributors

## DIY DRONES:

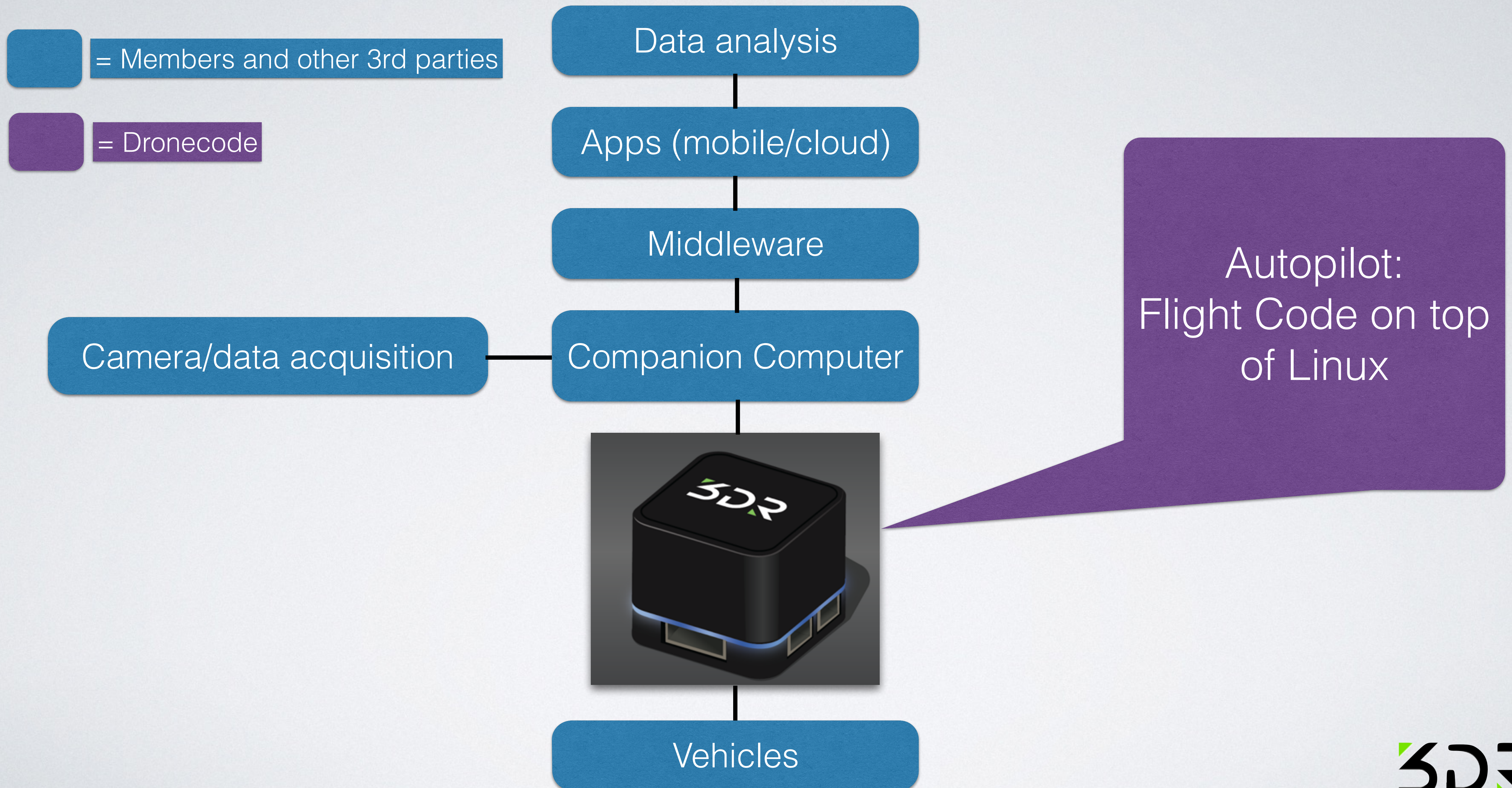
65,000 members

## USERS:

270,000 downloads



# THE "LINUX KERNEL" ANALOGY FOR DRONECODE





# THE "OPEN CORE" MODEL



User-facing software and high-value proprietary features

Mobile and  
desktop apps

Companion  
computer apps

Cloud services

Custom  
wireless



Flight code, developer tools and other  
“plumbing”

Flight code

Python  
scripting

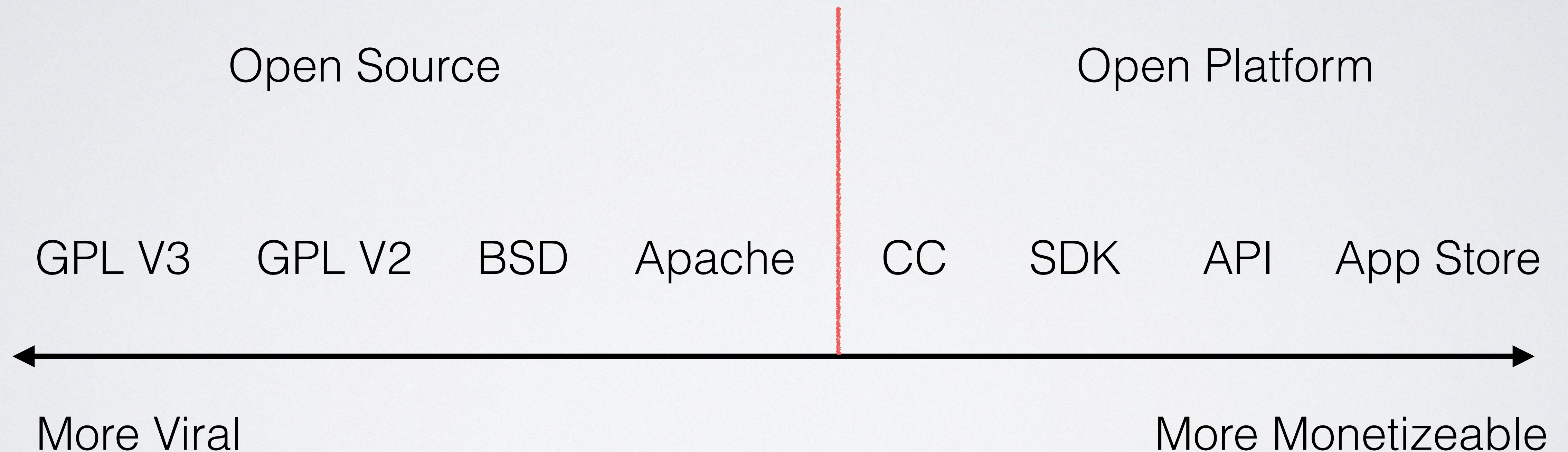
Basic GCS

Cloud API





# "OPEN PLATFORM" IS NOT JUST OPEN SOURCE





# OBJECTIVES FOR THIS MEETING

- 1. Alignment on 2015 roadmap**
2. Clarity about what we want from the members
3. Clarity about division of labor between companies and community
4. Improved “Architecture of Participation”
5. Plan for outreach to potential partners/communities